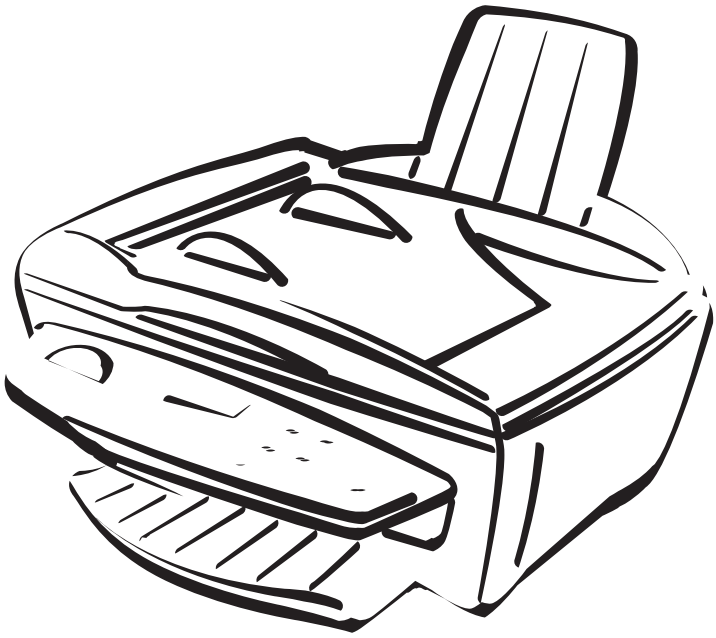
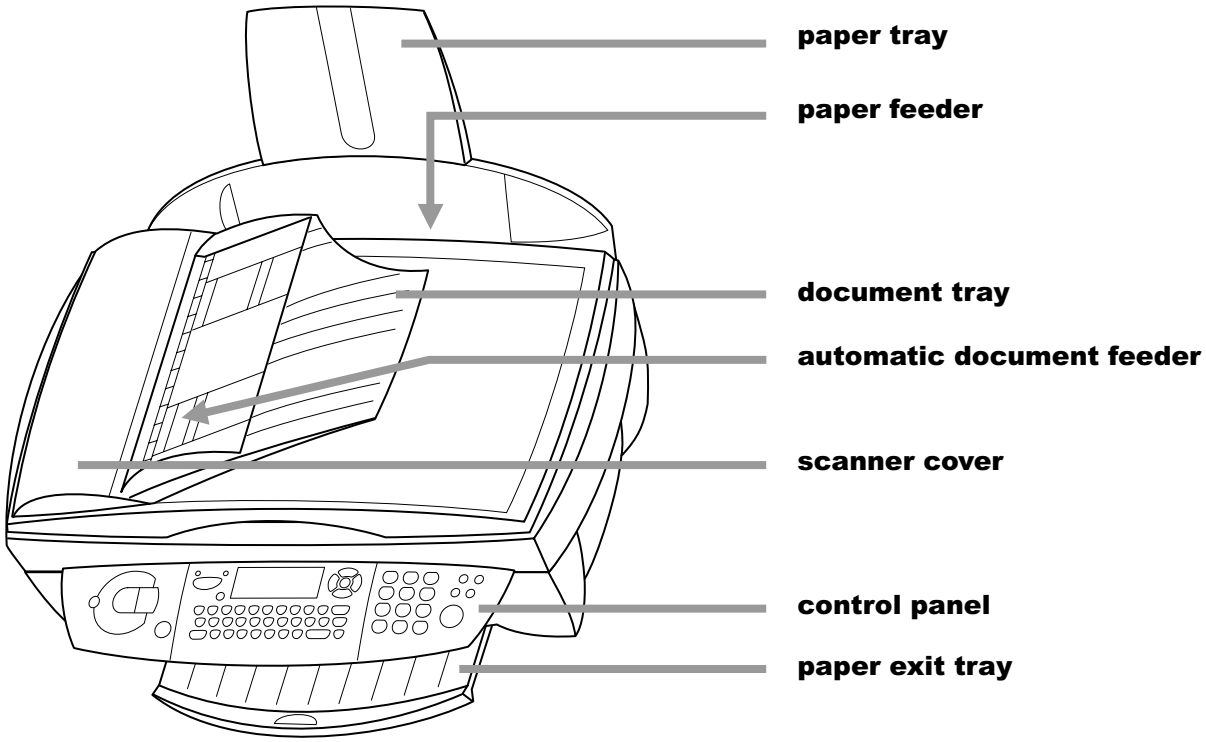
SAGEM
MFJ Pro 321



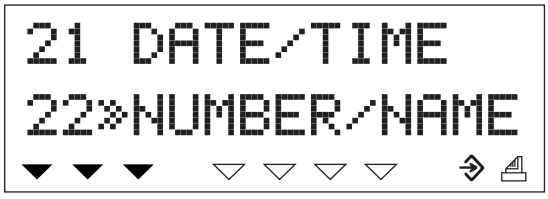
Instructions for use

SAGEM

Description of the machine



Symbols on the display



F SF

Selected options will be highlighted with an arrow (»).

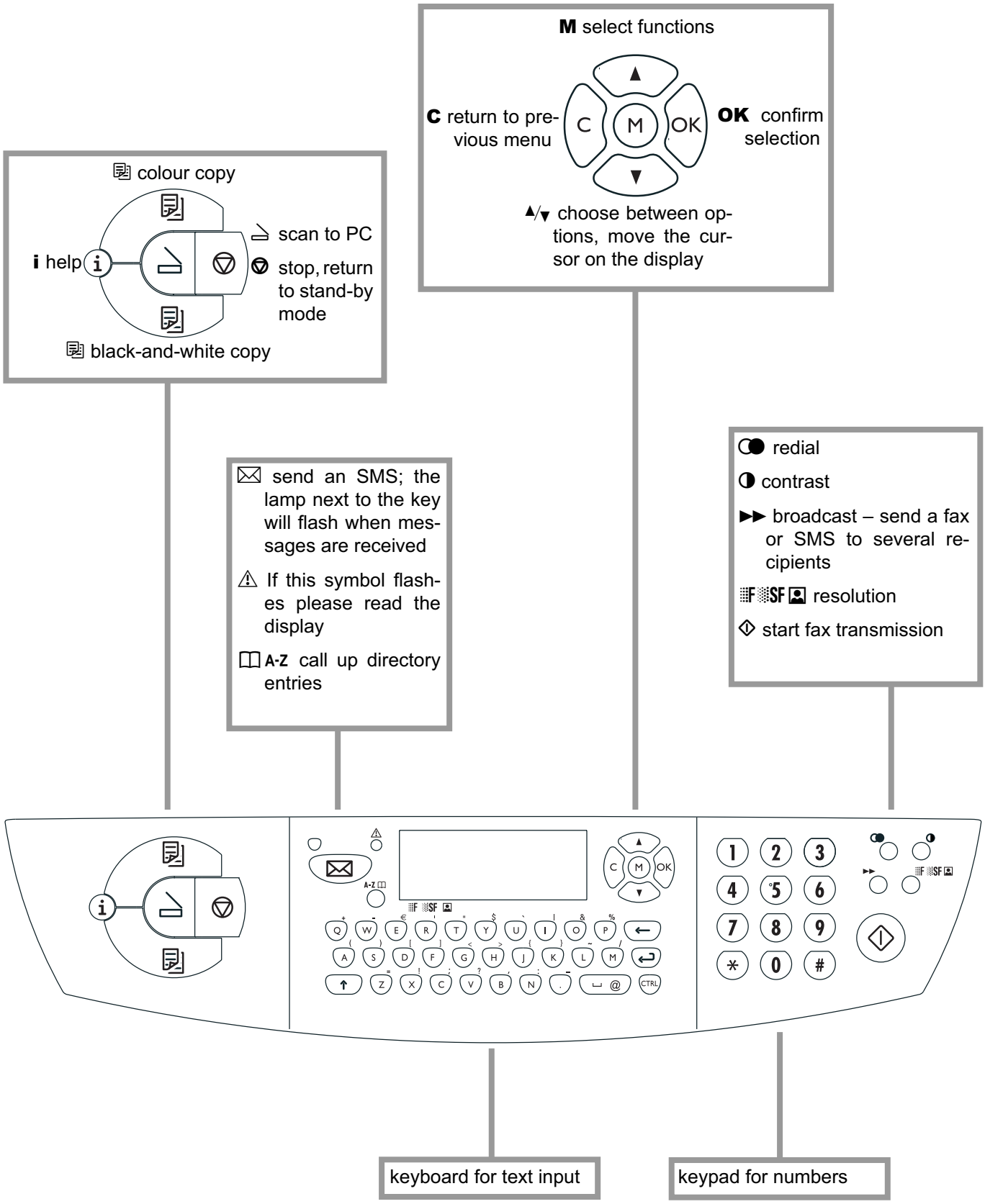
resolution:

- F for text and graphics
- SF for very small print and graphics
- for photographs

- on: faxes will be received automatically
  blinking: faxes are stored in the memory
  off: memory is full or faxes will be received with a modem
- transmission of faxes or SMS

The arrows (▼) on the right in the display show the memory capacity.

Overview of functions


M select functions
C return to previous menu
OK confirm selection
▲/▼ choose between options, move the cursor on the display
colour copy
i help
scan to PC
stop, return to stand-by mode
black-and-white copy
send an SMS; the lamp next to the key will flash when messages are received
If this symbol flashes please read the display
A-Z call up directory entries
redial
contrast
broadcast – send a fax or SMS to several recipients
resolution
start fax transmission
keyboard for text input
keypad for numbers

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Safety instructions

Please read and follow all warning notices and instructions.

The MFJ Pro 321 should be installed on a level and stable surface. The surface should be smooth and horizontal. The machine may be damaged if it falls and may cause serious injury, especially to small children. Place the MFJ Pro 321 at least 10 cm away from other electrical devices and objects.

Do not place the MFJ Pro 321 in direct sunlight. Do not place it near to a radiator, heater, radio, television or air conditioning unit. Do not allow it to come into contact with dust, water or chemicals.

Make sure that air can circulate freely around the MFJ Pro 321. Do not operate the MFJ Pro 321 in enclosed spaces such as boxes, cupboards, cabinets etc. Do not cover the MFJ Pro 321. Do not place the MFJ Pro 321 on soft surfaces such as beds, duvets, cushions, sofas or carpets as there is a risk of overheating and fire.

Only use the power supply included with the product. Using an unauthorised power supply may damage the MFJ Pro 321.

Do not touch telephone wires or mains cables where the insulation is missing or damaged unless they are already disconnected.

If the housing of your MFJ Pro 321 or the power supply—in particular the power or telephone cables—, are damaged, please unplug the MFJ Pro 321. The housing of the MFJ Pro 321 may only be opened by authorised service personnel.

Unplug the MFJ Pro 321 from the mains and telephone line before cleaning. Do not use liquid or aerosol cleaning agents such as sprays, or polishes.

Do not expose the MFJ Pro 321 to rain or any other form of moisture. There is a risk of electric shock or fire. If any liquid is accidentally spilled into the MFJ Pro 321, immediately remove the power plug and have the MFJ Pro 321 professionally inspected.

Your MFJ Pro 321 has been tested to EN 60950 or IEC 60950 and may only be operated on telephone networks and power supplies that conform to these standards.

In a thunderstorm, disconnect the MFJ Pro 321 from both the mains and the telephone line. If you are unable to disconnect the MFJ Pro 321, avoid using the fax machine or the telephone during the storm. There is a risk of electric shock from lightning and risk of damage to the machine.

Your MFJ Pro 321 is only intended for use in the country in which it was purchased. It may only be operated with telephone systems and power equipment which meet these standards.

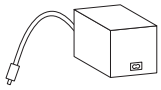
Installation

Unpacking

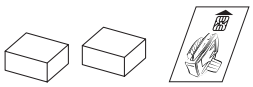
Unpack the box and check that it includes the following:

telephone cable

mains cable

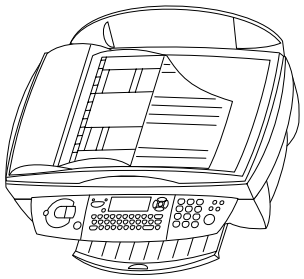


power supply

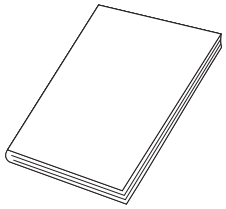


ink cartridges and chip card “Plug ’n Print”

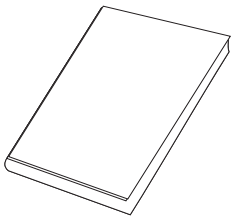
paper tray



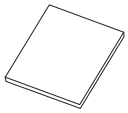
machine



user guide



installation guide



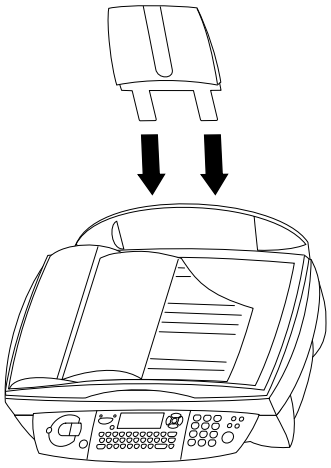
CD-ROM

Set-up

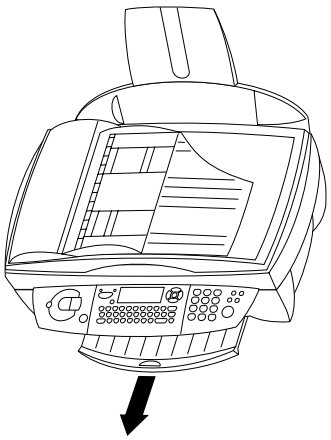
Please read all warning notices and instructions and follow them precisely.

1 Remove the transport protection strips.

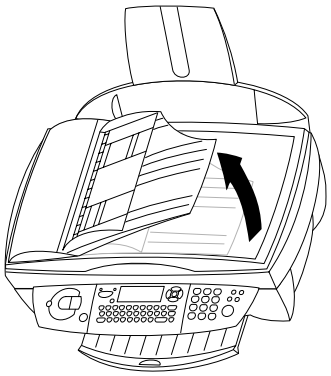
2 Insert the paper tray in the slots provided behind the paper feed mechanism.



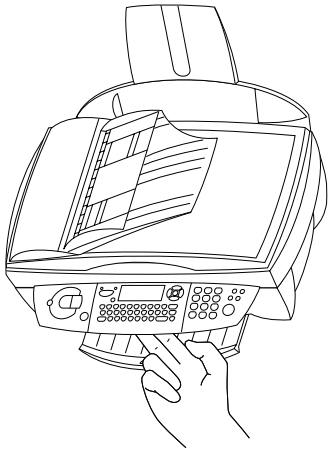
3 Pull out the paper exit tray.



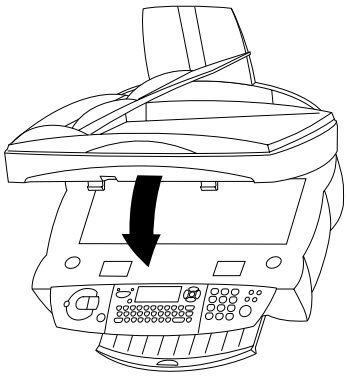
4 Pull up the document tray.



5 Open the machine by pulling the lever under the control panel.



6 Remove the protective tapes from the cartridge holder and close the machine.

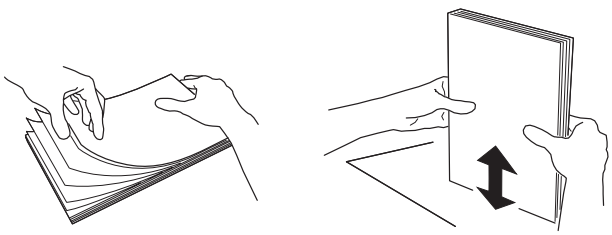


Loading paper

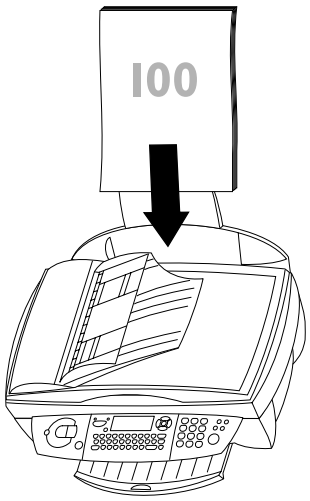
Please use only paper which is specifically intended for use with ink cartridge printers (standard format is **A4** 210×297 mm, 80 g/m²). Follow the instructions of the manufacturer.

Do not load paper while the MFJ Pro 321 is printing!

1 To prevent several sheets being drawn into the machine at once, first fan out the paper to separate the sheets and then straighten the stack on a flat surface before inserting it into the paper feed.

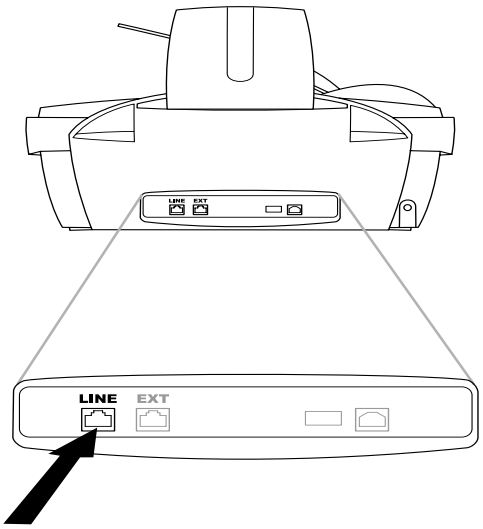


2 Insert **up to 100 sheets** of paper up to the end-stop in the paper feed mechanism.



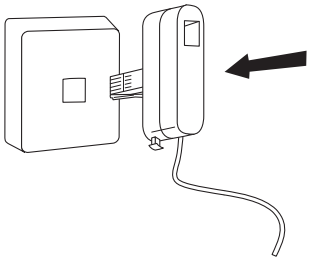
Connections

First connect the telephone cable plug socket labelled **LINE on the back of the machine**.

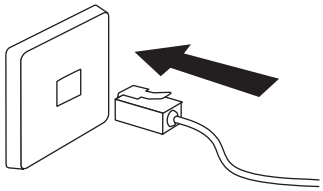


Next connect the telephone plug to the line socket on the wall.

In the UK



For all other countries



Additional devices

In addition to your fax machine, you can also connect other devices such as additional telephones, call-fee indicators answering machines or modems to a single telephone line (also see Settings/Additional telephone).

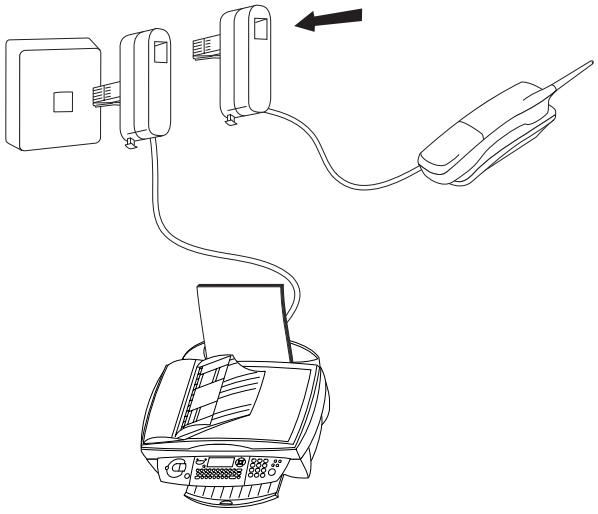
If you intend using special auxiliary devices with your fax machine, please contact your dealer.

If you wish to receive faxes via modem, you must set your fax machine to MANUAL RECEPTION.

Same socket

(not in all countries)

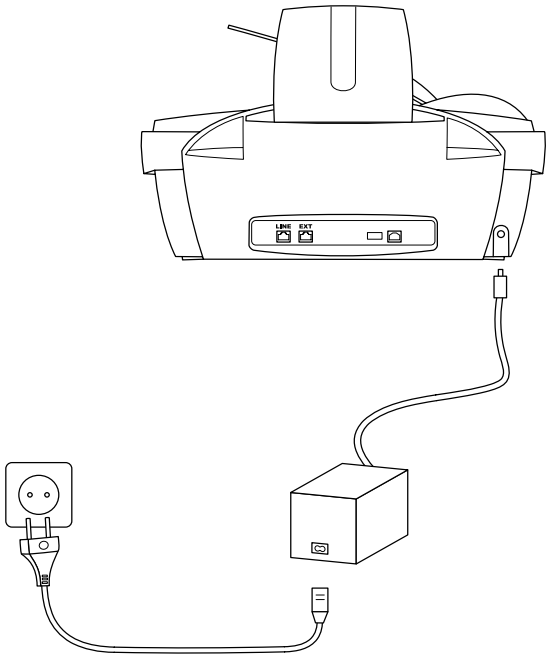
You can connect additional devices to the same telephone socket. Make sure the fax machine is the first device connected to the line.



Connecting additional devices to the same socket ensures you the optimal functionality of your active fax switch (e.g. call transfer). Your fax machine can control the additional devices.

Power supply

Connect the power supply unit to the MFJ Pro 321, then use the mains cable to connect the power supply unit to the mains.



⚠ If you want to connect the MFJ Pro 321 to a PC, please refer to the chapter PC connection. You must install the software **first** and **then** connect the MFJ Pro 321 to the PC!

After you have connected the MFJ Pro 321 to the mains, it will prompt you to make some basic settings as follows.

Country selection

1 Press **OK**.

2 Use ▲/▼ to choose your country.

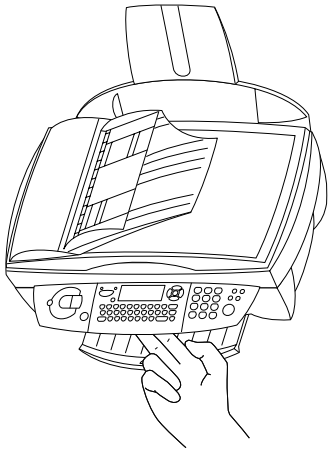
3 Press **OK** twice.

Inserting cartridges

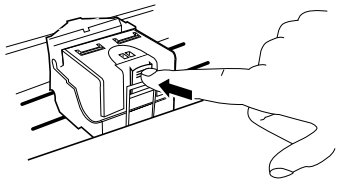
Before you can print documents, there have to be ink cartridges in your MFJ Pro 321. Therefore two free cartridges for a few test pages are included with your machine.

The display will indicate if one of the cartridges is empty or if there is no cartridge in the MFJ Pro 321.

1 Open the machine by pulling the lever under the control panel.

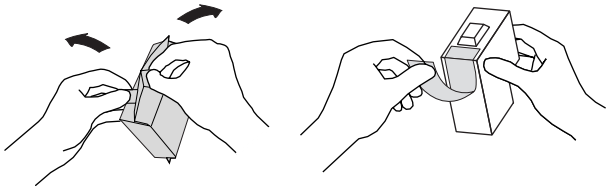


2 Press the lever in the middle of the cartridge holder to open the holder.

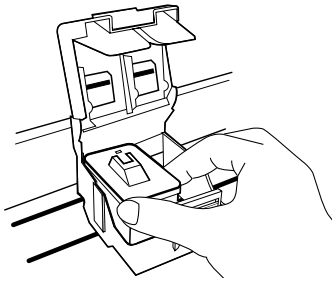


3 Take the ink cartridges out of their packaging and remove the protective strip.

> ⚠ Please make sure that the protective strip was removed completely.
>
> Be careful not to touch the nozzle or the contacts!

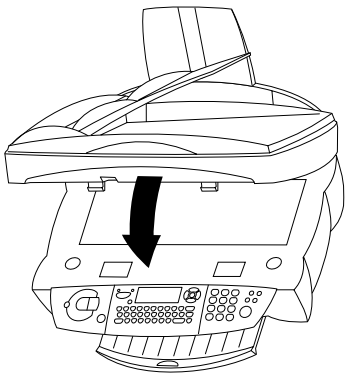


4 Insert the **colour** cartridge with the contacts forward and the “nose” down into the **left** compartment of the cartridge holder.

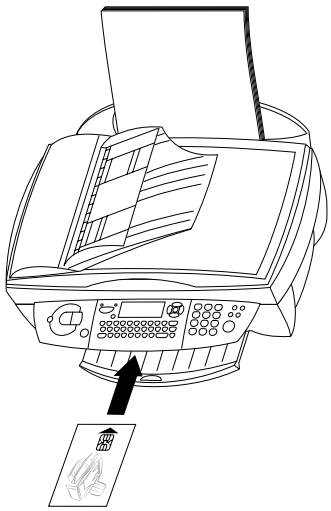


5 Insert the **black** cartridge into the **right** compartment. Close the cartridge holder. You’ll hear a click when it snaps home.

6 Close the machine.



7 Insert the chip card “Plug ’n Print” with the contacts facing up into the slot under the control panel and confirm with **OK**. Remove the cartridge and repeat the process for the second cartridge.



Cartridge alignment

1 After inserting the cartridges for the first time, the machine will print out a page to check their alignment. VALUE A

2 Enter the value A where the image is the clearest.

3 Confirm with **OK** and repeat these steps for values B, C and D. VALUE B

Your name and number

1 Enter your fax number (max. twenty digits) and press **OK** (to enter a plus sign hold down the **CTRL** key and press **Q**; to enter a blank space, press the _@ key).

2 Enter your name by using the keyboard for text input (max. twenty characters). You can also enter a plus sign (**CTRL** and **Q**) or a slash (**CTRL** and **M**). Press **OK**.

Time and date

Enter the date and time and confirm with **OK**, e. g. ①② ⓪⑤ ⓪③ ①⑥ ③⓪ **OK** for May 12th 2003, 4:30 p. m.

PC connection

⚠ Don't connect the MFJ Pro 321 to a PC before installing the software!

Minimum configuration

Your PC must have the following minimum configuration:

- Pentium processor, 200 MHz or higher
- Windows 98/2000/ME/XP and 128 MB RAM
- 80 MB free disk space for the installation
- USB port

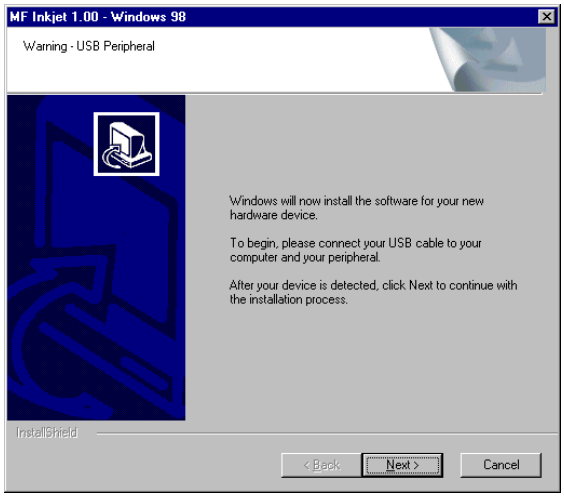
Software installation

⚠ Don't connect the MFJ Pro 321 to a PC before installing the software!

If you receive a warning message that the peripheral hasn't passed Windows Logo testing, choose "Continue Anyway". Your multifunctional device has been tested for PHILIPS and is fully compatible with Windows XP.

1 Insert the CD-ROM into your PC. The installation procedure will start automatically. Follow the instructions on the screen.

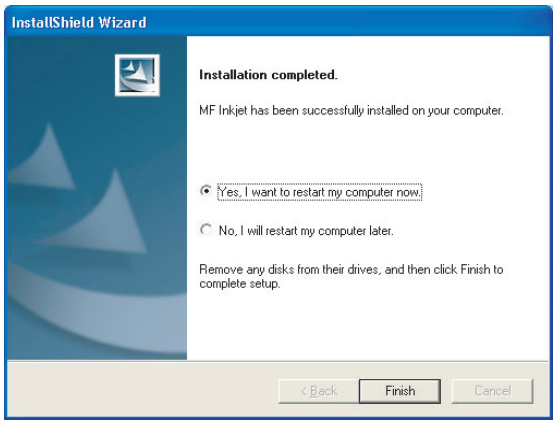
2 Connect the MFJ Pro 321 to your PC with a USB cable when you are prompted to do so.


MF Inkjet 1.00 - Windows 98
Warning - USB Peripheral
Windows will now install the software for your new hardware device.
To begin, please connect your USB cable to your computer and your peripheral.
After your device is detected, click Next to continue with the installation process.
InstallShield
< Back
Next >
Cancel

3 Click "Next" and follow the instructions. Choose to search for the driver on the CD-ROM:

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
A:\
Browse...
< Back
Next >
Cancel

4 Click "Next" and follow the instructions on the screen. You will be prompted to accept a license agreement. After the installation has finished, the PC has to be rebooted.


InstallShield Wizard
Installation completed.
MF Inkjet has been successfully installed on your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Settings

You can print out a list of the current parameter settings by pressing **M**, ⑤④ and **OK**.

⚠ To return to stand-by mode, press ⓥ as often as necessary.

Date and time

1 Press **M**, ②① and **OK**.

2 Enter the date and time and confirm with **OK**, e. g. ①② ⓪⑤ ⓪③ ①⑥ ③⓪ **OK** for May 12th 2003, 4:30 p. m.

Your number and name

1 Press **M**, ②② and **OK**.

2 Enter your fax number (max. twenty digits) and press **OK**. (To enter a plus sign hold down the **CTRL** key and press **Q**; to enter a blank space, press the _@ key.)

3 Set your name by using the keyboard for text input (max. twenty characters). You can also enter a plus sign (**CTRL** and **Q**) or a slash (**CTRL** and **M** on the keyboard for text input). Press **OK**.

With **C** you can delete a wrong character.

Network type (PABX)

Private branch exchange systems are very common in large companies. To get a connection from a private branch exchange to the public network you have to dial a key to obtain the outside line.

(An additional telephone connected to a normal telephone line together with your MFJ Pro 321 must not be confused with a private branch exchange.)

If you connect the MFJ Pro 321 to a PABX, you can set the prefix for an outside line. The MFJ Pro 321 will automatically dial the prefix with each number that exceeds a certain amount of digits.

1 Press **M**, ②⑤① and **OK**. Use ▲/▼ to select PABX and confirm with **OK**.

2 Select function 252»PREFIX using ▲/▼ and press **OK**. Enter the number of digits and press **OK** (e. g. if internal numbers consist of four digits, enter 5).

3 Press the key you need to reach an outside line. This is usually ⓪. Confirm with **OK**.

If the number of digits for an internal call is exceeded, the prefix for an outside line will be automatically added.

Country and language

These settings will determine the language of the display and the local telephone network settings.

1 Press **M**, ②⓪① and **OK**. Use ▲/▼ to select your country. It is important that you choose the country where you are using the MFJ Pro 321! Press **OK** twice.

2 To set another language, use ▲/▼ to select function 202»LANGUAGE and press **OK**. Choose with ▲/▼ and press **OK**.

Additional telephone

If you have connected an additional telephone to the same telephone line (see chapter Installation / Connections), you can adjust the number of rings you will hear in case of an incoming call.

1 Press **M**, ②⑨①② and **OK**.

2 Change the value (3, 4 or 5) and press **OK**.

Directory

Your MFJ Pro 321 lets you create a directory by memorising single entries and lists of entries.

Your machine can store up to 200 entries with names and fax numbers. You may also group several names together to create a list.

When entering a name, you can use ↑ to type capital letters (press and hold the ↑ key and type the desired key).

With **CTRL** you can type special characters (e. g. hold down **CTRL** and press **W** to type a hyphen).

With ▲/▼ you can move the cursor within an entry and with ← you can delete a character.

Add name

For each record, you must store a name and fax number.

1 Press **M**, ①① and **OK**. Enter a name and press **OK**. Enter a fax number and press **OK**.

2 The MFJ Pro 321 automatically assigns a number to the record. To modify this number enter the digit required and press **OK**.

3 Use ▲/▼ to choose W.ASSOC.KEY if you want to assign a shortcut key (letter) for quick access to the record. Press **OK**.

4 If need be, select the appropriate transmission speed to send your faxes. With a good telephone connection, the appropriate rate is the highest one. Press **OK**.

Add list

You can group several directory entries together f.e. to send a fax to several persons at once.

1 Press **M**, ①② and **OK**. Enter a name for this list and press **OK**.

2 Press a shortcut number, a letter or use ▲/▼ and **OK** to select entries to add them to the list. Press **OK**.

3 The list ID number will automatically appear on the display. If you wish to modify this number, you may do so. Confirm with **OK**.

Print

Press **M**, ①⑤ and **OK**. The directory is printed.

Cancel

1 Press **M**, ①④ and **OK**.

2 The directory appears in alphabetic order. Use ▲/▼ to select the entry or list you wish to delete.

3 Press **OK**.

4 Confirm with **OK**.

Modify

1 Press **M**, ①③ and **OK**.

2 The directory appears in alphabetic order. Use ▲/▼ to select the entry or list you wish to modify. Press **OK**.

3 Modify the entry and confirm each step with **OK**.

Transfer to a PC

If you have connected your MFJ Pro 321 to a PC, you can transfer the directory to the PC to edit it.

On your PC, click on Start > Programs > MF Inkjet > Directory.

You can transfer the directory from the PC to the MFJ Pro 321 (and vice versa) by clicking on the icons on the bottom of the window.

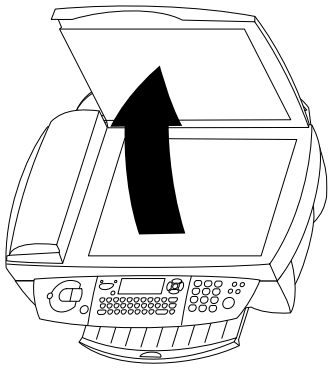
Fax

Sending a fax ◈

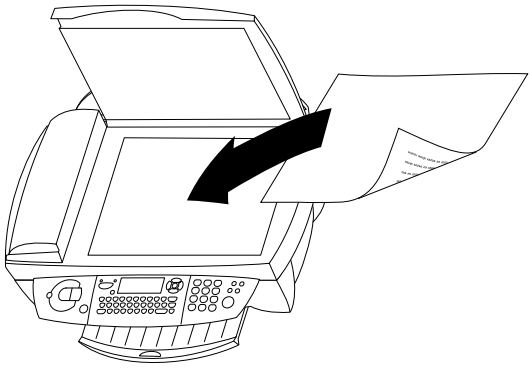
There are two ways to fax a document: You can place it onto the scanner glass (flatbed scanner) directly or load it into the automatic document feeder.

Flatbed scanner

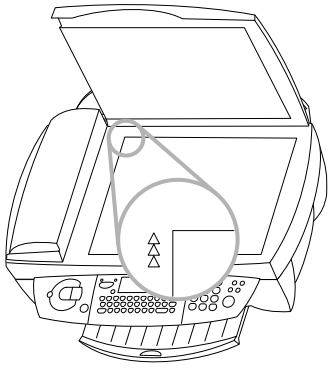
1 Open the flatbed scanner cover. Please make sure that the scanner glass is clean before placing the original.



2 Place the document **face down** onto the glass.



3 Align it with back left corner of the scanner (marked with arrows).



If you want to scan small three-dimensional objects (such as coins or flowers), use transparent film to protect the scanner glass.

4 Choose a fax number and press ◈.

5 If you want to send just one page, use ▲/▼ to choose DONE and press **OK**. If you want to send further pages, choose NEXT PAGE and insert another page. Then press **OK**.

After transmission, the MFJ Pro 321 will automatically print a transmission report.

If you want to cancel the transmission, press ⊘ twice.

Automatic feeder

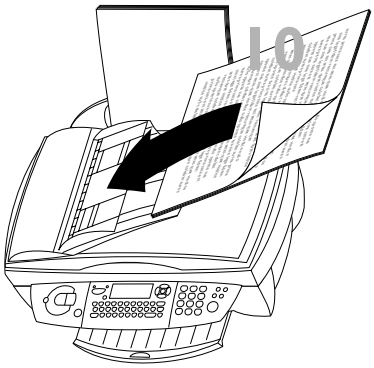
If you are working with originals of an odd size or photos, please use the flat-bed scanner.

A5 size documents should be inserted landscape.

The following points are the most common causes of problems when inserting documents into the feeder. Do not insert ...

- pages that are smaller than A5.
- pages from newspapers (printer's ink).
- stapled pages or pages with paper clips.
- creased or torn pages.
- wet pages or pages with corrections made with correction fluid; dirty pages or pages with a glossy or laminated surface.
- pages joined with sticky tape or glue, with adhesive stickers such as "post-it®" notes, or pages which are too thin or too thick.

1 Place the document **face up** into the document feeder (**up to 10 pages** printed on 60–90 g/m² paper).



2 Dial the fax number.

3 Press ◈ to start the transmission.

After transmission, the MFJ Pro 321 will automatically print a transmission report.

If you want to cancel the transmission, press ⊘ twice.

Directory 🕮 A-Z

1 Insert a document.

2 Press 🕮 A-Z and use ▲/▼, a letter or a number key to choose a record or a list from the directory.

3 Press ◈ to start the transmission.

Redial ↻

The last ten numbers dialled on the MFJ Pro 321 will be stored in the redial memory.

1 Insert a document.

2 Press ↻ as often as necessary. When the desired number appears on the display, press ◈ to start the transmission.

Broadcast ▶▶

You may choose to send a document to several recipients.

1 Insert a document.

2 Dial a number (or use the directory or ↻) and press ▶▶. Repeat this step for up to ten recipients. Press ◈.

3 If you want to cancel the transmission, press ⊘ twice.

Resolution F SF 🖼

If necessary, you may change the resolution. Press F SF 🖼 as many times as necessary to select the required mode. An icon on the display will show the current mode. If no icon is highlighted, the document will be sent in standard resolution.

standard—for good quality documents, without drawings or small details

F—for documents with drawings or small characters

SF—for documents with very fine or small drawings

🖼—for photos

Contrast ◑

If the document is too light or too dark, you may change the contrast. Press ◑ as many times as necessary to choose the desired contrast. The current setting is shown on the display.

Receiving faxes

If you don't change the factory settings, faxes will be automatically printed. If the MFJ Pro 321 has run out of paper or ink, incoming faxes will be stored in the memory.

After inserting paper or cartridges, start printing by pressing ◈.

To change the fax reception settings, please refer to Advanced settings / Fax settings.

Fax answering device

The fax answering device allows you to keep documents confidential by storing them. They need not be printed as soon as you receive them. The 🖷 symbol on the display lets you know the state of the fax answering device:

🖷 **on**—fax answering machine is on

🖷 **blinking**—documents are in the memory or are being received

🖷 **off**—memory is full

You can ensure document confidentiality by using the four-digit code. Once stored, this code is required to print fax messages and to activate/deactivate the fax answering device.

Storing an answer code

Press **M**, ③④③ and **OK**. Enter a four-digit code and press **OK**.

Activate/deactivate

Press **M**, ③④② and **OK**. If you have stored an access code, enter it and press **OK**. Use ▲/▼ to select WITH or WITHOUT and press **OK**.

Printing messages

Press **M**, ③④① and **OK**. If you have stored an answer code, enter it and press **OK**. Documents received and stored in the memory are printed and then deleted from the memory.

Send report

The MFJ Pro 321 can print a transmission report every time you have sent a document. This way you are given confirmation that your document has been received.

1 Press **M**, ②③① and **OK**. Select one of the following options:

WITH—a report is given when the transmission was completed successfully or when it is completely abandoned.

WITHOUT—no transmission report; however, your MFJ Pro 321 notes all transmissions that took place in its log (see Hints & tips / Logs).

ALWAYS—a report is printed with each transmission.

ON ERROR—a report is only printed if the transmission failed or is abandoned.

2 Confirm with **OK**.

Delayed transmission

1 Press **M**, ③① and **OK**.

2 Enter the fax number and press **OK**.

3 Enter the time you want the fax to be sent (within 24 hours), e. g. ①⑦ ③⓪ for 5^{30} p. m. Press **OK**.

4 Set the contrast and other settings and confirm each entry with **OK**.

Polling

By means of this function documents which have been prepared for collection from another fax machine can be retrieved. You can also allow a document to be polled from your fax machine.

Polling reception

1 Press **M**, ③② and **OK**.

2 Enter the polling number and press ◈.

Delayed polling

1 Press **M**, ③② and **OK**.

2 Enter the polling number and press **OK**.

3 Enter the time (within 24 hours) you wish to poll the document—e. g. ①⑦ ③⓪ for 5^{30} p. m.—and press ◈.

Polling transmission

You may place a document in your MFJ Pro 321 and make it available to one or more recipients who can obtain a fax of this document by calling your MFJ Pro 321 with the polling function.

1 Insert a document in the feeder.

2 Press **M**, ③③ and **OK**.

3 Use ▲/▼ to choose between the two options:

SIMPLE—the document may be transmitted only once (from the memory or feeder). Press **OK**.

MULTIPLE—the document may be polled as many times as necessary (from the memory). Press **OK**.

4 If necessary, adjust the contrast and press **OK**.

5 Enter the number of pages and press **OK** (this is only necessary when you have chosen MULTIPLE above).

Additional telephone

You can connect an additional telephone on the same line as your MFJ Pro 321. When a call comes in, the additional telephone will ring a few times, then the machine switches to fax reception. If necessary, the number of rings can be changed in the technical settings (see Settings / Additional telephone).

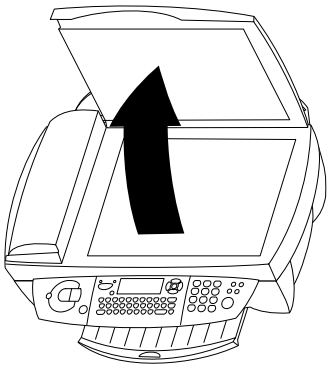
Copy

Inserting a document

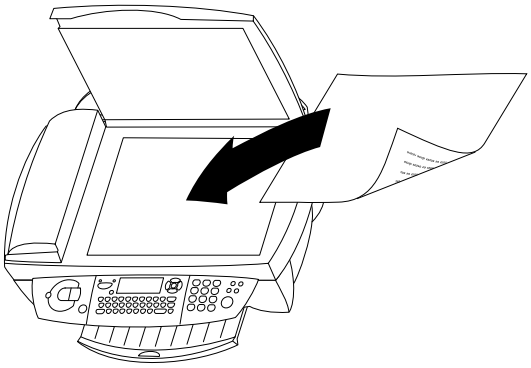
There are two ways to copy a document: You can place it onto the scanner glass (flatbed scanner) directly or load it into the automatic document feeder.

Flatbed scanner

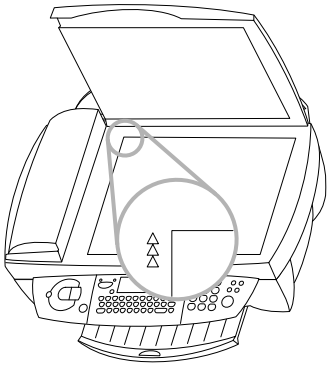
1 Open the flatbed scanner cover. Please make sure that the scanner glass is clean before placing the original.



2 Place the document **face down** onto the glass.



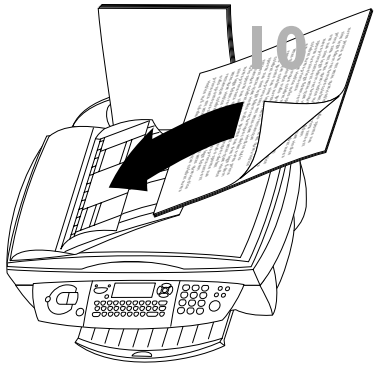
3 Align it with back left corner of the scanner (marked with arrows).



If you want to scan small three-dimensional objects (such as coins or flowers), use transparent film to protect the scanner glass.

Automatic feeder

Place the document **face up** into the document feeder (**up to 10 pages** on 60–90 g/m² paper).



If you are working with originals of an odd size or photos, please use the flat-bed scanner.

A5 size documents should be inserted landscape.

The following points are the most common causes of problems when inserting documents into the feeder. Do not insert ...

- pages that are smaller than A5.
- pages from newspapers (printer's ink).
- stapled pages or pages with paper clips.
- creased or torn pages.
- wet pages or pages with corrections made with correction fluid; dirty pages or pages with a glossy or laminated surface.
- pages joined with sticky tape or glue, with adhesive stickers such as "post-it®" notes, or pages which are too thin or too thick.

Standard copy

1 Insert a document (see above).

2 Choose one of the keys (copying in colour or black and white) and press it twice.

"Creative" copy

1 Insert a document (see above).

2 Press one of the keys (copying in colour or black and white) once. You can now make the following settings:

3 Enter the desired number of copies and press **OK**. NUMBER OF COPIES

4 The copying quality of the MFJ Pro 321 is higher than the resolutions used for fax transmission. Use ▲/▼ or F SF to choose the resolution: RESOLUTION

FAST—for good quality documents, without drawings or small details

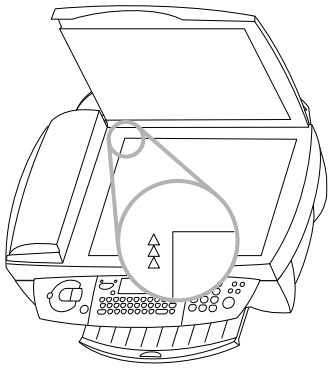
NORMAL—for documents with drawings or small characters

QUALITY—for maximal resolution

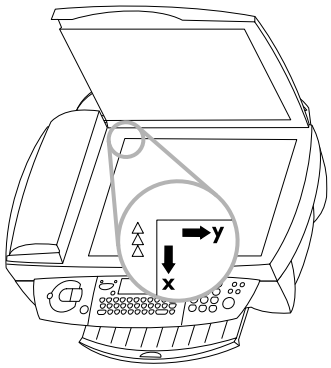
Press **OK**.

5 Your MFJ Pro 321 can reduce or magnify a specific part of a document from 25% to 400%. Set the desired zoom value with the key pad and press **OK**. ZOOMING

6 You can change the origin of the flat-bed scanner (by default, this is the back left angle of the scanner window marked with arrows).



By entering new values of x and y given in millimetres, you will move the scanning zone as shown on the figure below. Confirm the entries with **OK**. ORIGIN



7 If the document is too light or too dark, you may change the scanning contrast. Press ▲/▼ or ◑ as many times as necessary to choose the desired contrast, as shown by the position of the cursor. Press **OK**. CONTRAST

8 You can adjust the saturation. Saturation is the colourfulness judged in proportion to its brightness. Use ▲/▼ to change the setting: − is more grey, + is more saturated. Confirm with **OK**. SATURATION

9 If you have chosen colour copy, you can adjust the RGB values. All colours can be defined as combinations of red (R), green (G) and blue (B). You can change the values for each of these basic colours with ▲/▼. Press **OK**. R.G.B.

10 You can adjust the luminosity (brightness) of the printer. Use ▲/▼ to change the setting: − is darker, + is lighter. Press **OK**. LUMINOSITY

11 Use ▲/▼ to set whether you use plain, coated, or photo paper, or transparent film and press **OK**. »PLAIN PAPER

Scan to PC

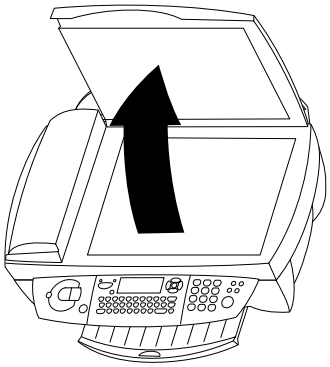
You can use the MFJ Pro 321 to scan documents and edit the document with a PC (see Installation / PC connection).

Inserting a document

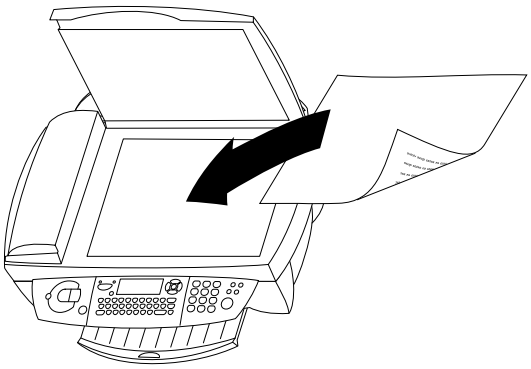
There are two ways to scan a document: You can place it onto the scanner glass (flatbed scanner) directly or load it into the automatic document feeder.

Flatbed scanner

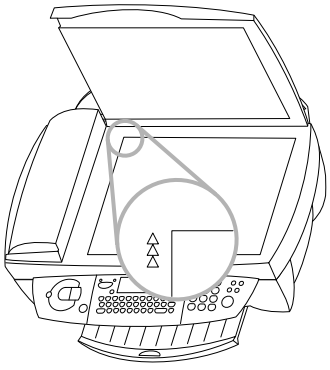
1 Open the flatbed scanner cover. Please make sure that the scanner glass is clean before placing the original.



2 Place the document **face down** onto the glass.



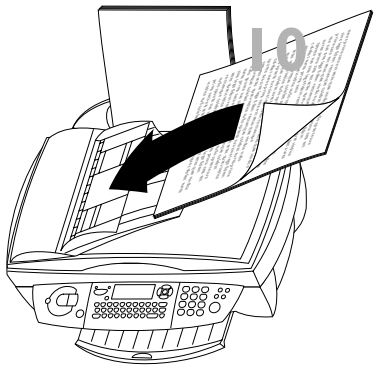
3 Align it with back left corner of the scanner (marked with arrows).



If you want to scan small three-dimensional objects (such as coins or flowers), use transparent film to protect the scanner glass.

Automatic feeder

Place the document **face up** into the document feeder (**up to 10 pages** on 60–90 g/m² paper).



If you are working with originals of an odd size or photos, please use the flat-bed scanner.

A5 size documents should be inserted landscape.

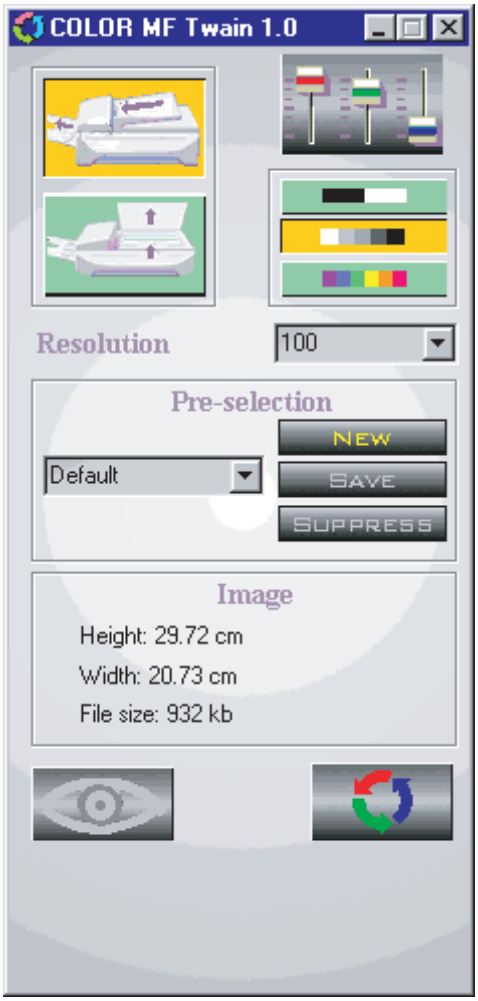
The following points are the most common causes of problems when inserting documents into the feeder. Do not insert ...

- pages that are smaller than A5.
- pages from newspapers (printer's ink).
- stapled pages or pages with paper clips.
- creased or torn pages.
- wet pages or pages with corrections made with correction fluid; dirty pages or pages with a glossy or laminated surface.
- pages joined with sticky tape or glue, with adhesive stickers such as "post-it®" notes, or pages which are too thin or too thick.

Open the scan window

Press ⏏ to open the scan window on the PC.

To edit the scanned document, open a graphic application and choose the scan function. Choose the MFJ Pro 321 TWAIN driver to start scanning.



Click on the lower left icon to create a preview, click on the lower right icon to start scanning.

Click on “Profile” to create different profile for different document types you want to scan. A profile contains all important settings for a certain type of document. To create a profile, first make all settings and then choose “New” profile. Enter a profile name and click “Save”.

SMS

Your MFJ Pro 321 lets you send SMS messages all over the world. SMS (Short Message Service) was originally devised for mobile communication, but it is now available in many countries via regular telephone lines. Availability of the SMS service depends on the country and operator. Your MFJ Pro 321 has been preset to use the SMS service in your country. If it does not work correctly, please contact your SMS service provider and change these settings (see Advanced settings / SMS settings).

Send SMS

One recipient

1 Press ✉ twice.

2 Type the message you want to send.

To type capital letters, hold down ↑ and press the desired key. To type special characters, hold down **CTRL** and press the desired key (e. g. to enter a question mark, hold down **CTRL** and press **V**). You can move the cursor with ▲/▼ and delete characters with ←.

3 Press ✉.

4 Enter the telephone number.

If you want to send an SMS to a phone abroad, you should dial the number in its international form (e. g. 0049… for Germany).

5 Press ✉ to send the message. The MFJ Pro 321 will print a transmission report.

This function can be deactivated (see Fax / Send report).

Directory 🕮 A-Z

1 Press ✉ twice.

2 Type your message and press ✉.

3 To select a number from the directory, press 🕮 A-Z and use ▲/▼ to select an entry.

4 Press ✉ to send your message.

Redial ↻

The last ten numbers dialled on the MFJ Pro 321 will be stored in the redial memory.

1 Press ✉ twice and type your message.

2 Press ✉.

3 Press ↻ as often as necessary, until the desired number appears.

4 Press ✉ to send your message.

Several recipients ▶▶

1 Press ✉ twice and type your message.

2 Press ✉ and enter the first telephone number.

3 Press ▶▶ and enter another telephone number (max. 10).

4 Press ✉ to send your message.

Receiving an SMS

Received SMS messages will be printed automatically. (You can change this setting—see Advanced settings / SMS settings.) If you switch off automatic printing, messages will be stored in the memory. If SMS messages are stored, the lamp next to the ✉ key will flash.

Reading an SMS

1 Press ✉ and **OK**.

2 Use ▲/▼ to choose a message and press **OK**.

3 You can scroll up and down within the message with ▲/▼.

Printing an SMS

1 Press ✉ and 🖹.

2 Use ▲/▼ to choose a message and press **OK**.

Deleting an SMS

1 Press **M**, ④③ and **OK**.

2 You can now choose which messages to delete using ▲/▼:

SELECTED—press **OK** and choose the messages to delete using ▲/▼. Confirm with **OK**.

ALREADY READ—press **OK** to delete the messages that you have already read.

ALL—press **OK**. All messages will be deleted.

Advanced settings

Settings list

You may print a list of your MFJ Pro 321's parameter settings to monitor any changes made to the default parameters!

Press **M**, ⑤④ and **OK**.

Fax settings

Reception mode

If you want to receive fax messages with a modem (with a PC) connected on the same telephone line as the MFJ Pro 321, you must disable automatic fax reception.

Press **M**, ②④① and **OK**. Use ▲/▼ to choose MANUAL (to disable automatic reception) or FAX (to receive faxes on the MFJ Pro 321 automatically).

Memory fax reception (without paper)

When the paper is finished or the cartridges are empty, faxes will be stored in the memory. You can disactivate this function.

1 Press **M**, ②④② and **OK**. Use ▲/▼ to choose one of the following options:

WITHOUT PAP—faxes will be stored in the memory if the printer is not available.

WITH PAPER—fax reception will be refused if the printer is not available.

2 Confirm with **OK**.

Number of copies

You may print incoming documents more than once.

Press **M**, ②④③ and **OK**. Enter a number (1 to 99) and press **OK**.

Sorted printing

When you receive documents of several pages, they will be received in the memory and then printed out in the correct order. You can avoid this by de-activating sorted printing:

Press **M**, ②④④ and **OK**. Use ▲/▼ to choose WITH or WITHOUT and press **OK**.

Sorted sending

Documents of several pages are scanned into the memory and then sent. You can disable this function.

Press **M**, ②③② and **OK**. Use ▲/▼ to choose WITH or WITHOUT and press **OK**.

SMS settings

When you select your country when setting up the MFJ Pro 321, the parameters for SMS emission and reception will be pre-set. If these settings do not work or if you want to use another provider, you will need to change these settings. Your SMS service provider will provide the numbers you need.

SMS emission

1 Press **M**, ④⑥①① and **OK**.

2 Enter the telephone number your machine has to dial to send SMS messages. Press **OK**.

SMS reception

1 Press **M**, ④⑥①② and **OK**.

2 Enter the telephone number to receive SMS messages. Press **OK**.

SMS alternative reception

You might wish to receive SMS from a second provider. In that case you will have to enter a second telephone number to receive SMS messages.

1 Press **M**, ④⑥②① and **OK**.

2 Enter the second telephone number for SMS reception and press **OK**.

Automatic printing

Press **M**, ④⑤① and **OK**. Use ▲/▼ to choose whether SMS messages should be printed out automatically or not and press **OK**.

Beep

Press **M**, ④⑤② and **OK**. Use ▲/▼ to choose whether the MFJ Pro 321 should emit a beep to notify you when an SMS message is received and press **OK**.

Sender name

Press **M**, ④⑤③ and **OK**. Use ▲/▼ to choose whether SMS messages that you send should include your name. Confirm with **OK**. (Enter the name using function 22)

Scan settings

Flat-bed scanning

M, ②⑦①, **OK**—Resolution

M, ②⑦②, **OK**—Zooming

M, ②⑦③, **OK**—Origin

M, ②⑦④, **OK**—Contrast

M, ②⑦⑤, **OK**—Saturation

Saturation is the colour judged in proportion to its brightness: closer to − is greyer, + has greater saturation.

M, ②⑦⑥, **OK**—RGB

All colours can be defined as combinations of red (R), green (G) and blue (B). You can change the values for each of these basic colours.

M, ②⑦⑦, **OK**—Luminosity

Luminosity is brightness: − is darker, + is lighter

M, ②⑦⑧, **OK**—Left/right margins

Automatic feeder scanning

M, ②⑧①, **OK**—Resolution

M, ②⑧②, **OK**—Zooming

M, ②⑧③, **OK**—Origin

M, ②⑧④, **OK**—Contrast

M, ②⑧⑤, **OK**—Saturation

M, ②⑧⑥, **OK**—RGB

M, ②⑧⑦, **OK**—Luminosity

M, ②⑧⑧, **OK**—Left/right margins

Printer settings

M, ②⑥①, **OK**—Paper size

M, ②⑥②, **OK**—Paper type

M, ②⑥③, **OK**—Reduction

M, ②⑥④, **OK**—Left/right margins

Hints & tips

Paper feed

In case of a paper jam, try to pull out the paper. If this is not possible, press **M**, ⑦④ and **OK** to eject the paper.

If a document is not drawn in correctly by the automatic feeder, press the button on the scanner cover and open the scanner cover.

Press the small lever and carefully remove the document.

Vertical stripes

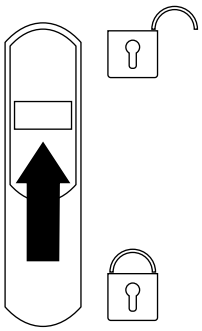
If your MFJ Pro 321 makes vertical stripes when copying, scanning or faxing, the scanner class might be dirty.

Horizontal stripes

When your MFJ Pro 321 makes horizontal stripes when copying, scanning or faxing, the scanner might be locked.

1 Open the printer cover.

2 Unlock the scanner with the lever on the underside of the printer cover and close the machine.



The machine doesn't print

If your MF-jet doesn't print correctly, the reason might be that the protective strips were not removed completely from the printing cartridge.

Open the printer cover and remove the cartridges. Remove film residue, replace the cartridges and close the machine.

Manual call

If sending a fax fails, you can check the line by using the manual call function.

1 Insert a document.

2 Press **M**, ③⑤ and **OK**. The built-in loudspeaker will be turned on and you should hear the dial tone.

3 Dial the desired number and press ◈. You will be able to hear how the connection is established.

Before you call the technical service

If you can't solve your problem with the proposals above, please unplug your MF-jet from the mains and reconnect it after a few minutes.

Ordering information

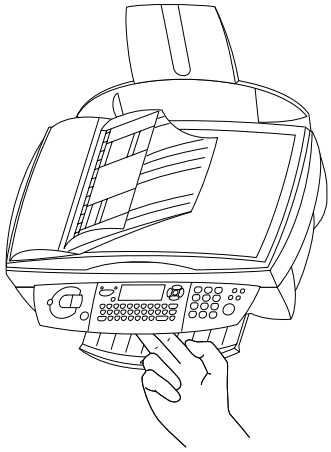
You can order original cartridges directly by calling 0800 358 08 07.

Change cartridges

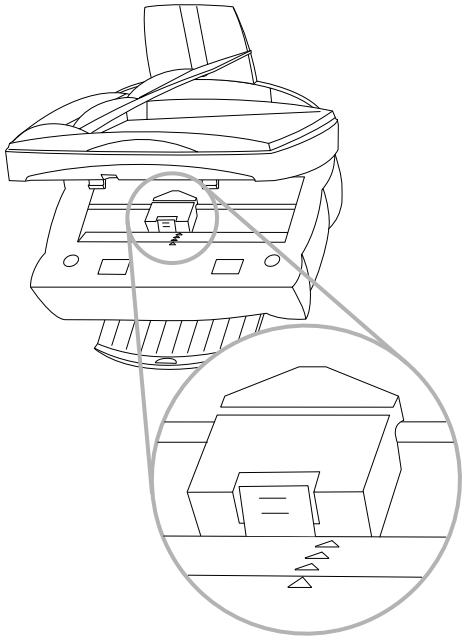
The display will indicate if one of the cartridges is empty.

Please use only original PHILIPS ink cartridges!

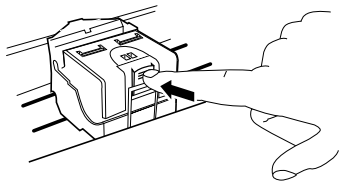
1 Open the machine by pulling the lever under the control panel.



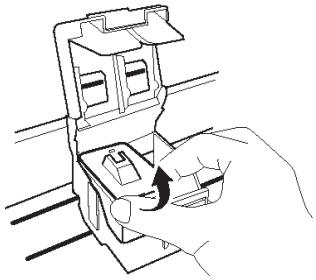
2 The position of the cartridge holder will show you which cartridge needs to be replaced. The arrows point to the cartridge that is empty:



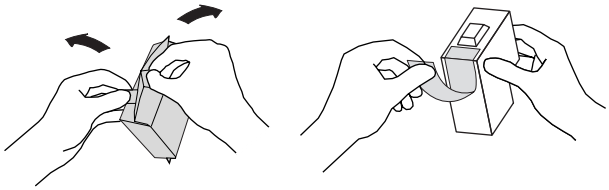
3 Open the cartridge holder.



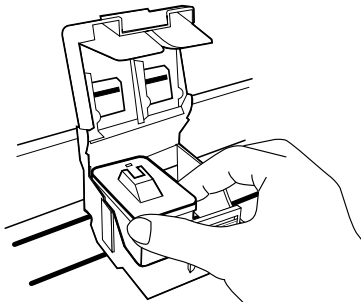
4 Remove the empty cartridge.



5 Take the ink cartridge out of its packaging and remove the protective strip. Be careful not to touch the nozzles and the contacts.

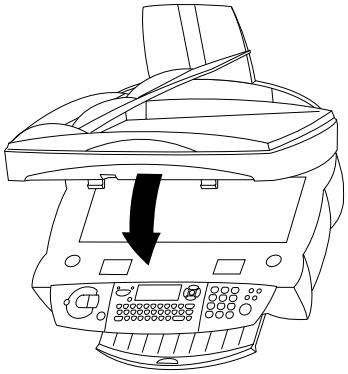


6 Insert the cartridge with the contacts forward and the "nose" down into the cartridge holder - the **colour cartridge left** and the **black cartridge right**.

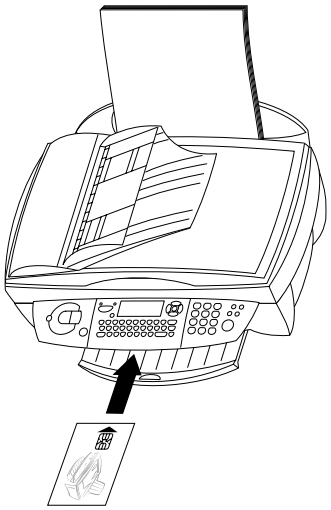


7 Close the cartridge holder. You will hear a click when it snaps home.

8 Close the machine.



9 Insert the chip card "Plug 'n Print" with the contacts facing up into the slot below the control panel to update the cartridge information. Press **OK**.



Cartridge capacity

Press **M**, ⑦③ and **OK**. Press ▲/▼ to see the current capacity of the black and the colour cartridges.

Logs

The logs list the last 30 incoming and outgoing transmissions made by your machine. A report will be automatically printed after every 30 transmissions. However, you may request a print-out at any time.

Press **M**, ⑤② and **OK**. The logs are printed.

Commands

Your device will file all transmission commands (including faxes ready for polling or for delayed sending) in a list, the waiting queue.

Consulting or modifying

Documents in the waiting queue may have the following status:

TX—transmission

DOC—in deposit

POL—polling

TR—ongoing commands

SMS—SMS transmission

Press **M**, ⑥② and **OK**. Use ▲/▼ to select a document from the waiting queue and confirm with **OK**. Modify the parameters and confirm with **OK**.

Immediate transmission

Press **M**, ⑥① and **OK**. Use ▲/▼ to select the document in the waiting queue and confirm with ◇ or **OK** to immediately perform the selected fax or SMS transmission.

Cancelling a transmission

Press **M**, ⑥③ and **OK**. Use ▲/▼ to select the document in the waiting queue and confirm with **OK**.

Printing a document

Press **M**, ⑥④ and **OK**. Use ▲/▼ to select the document in the waiting queue and confirm with **OK**.

Print the waiting queue

Press **M**, ⑥⑤ and **OK**. A list of the documents queuing for transmission will be printed.

Lock

You can block access to the keypad for numbers or to the whole keyboard of your MFJ Pro 321.

Locking code

Insert the code that will be needed to temporarily unlock the keyboard.

1 Press **M**, ⑦①① and **OK**.

2 Enter the four-digit interlock code and press **OK**.

3 Enter the code one more time and press **OK**.

When a code is already registered, the machine asks you first to give the old code before allowing you to modify it.

Locking the keyboard

The access code must be entered each time the machine is used.

1 Press **M**, ⑦①② and **OK**.

2 Enter the four-digit interlock code and press **OK**.

3 Use ▲/▼ to select WITH and press **OK**.

⚠ After each operation, the machine locks automatically.

To unlock the keyboard, enter WITHOUT in step 3.

Locking numbers

You can also just lock the keypad for numbers with a code. Transmissions are only possible from numbers included in the directory.

1 Press **M**, ⑦①③ and **OK**.

2 Enter the four-digit interlock code and press **OK**.

3 Use ▲/▼ to select DIRECTORY ONLY and press **OK**.

⚠ After each operation, the machine locks automatically.

To unlock the keyboard, enter FREE in point 3.

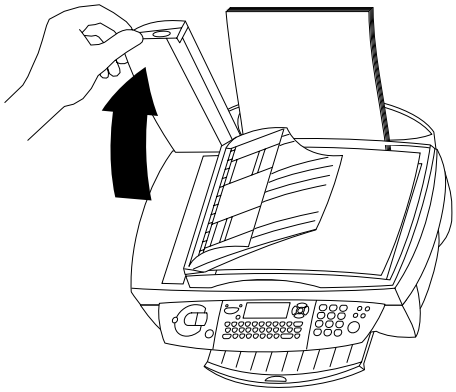
Care and maintenance

Cleaning the machine

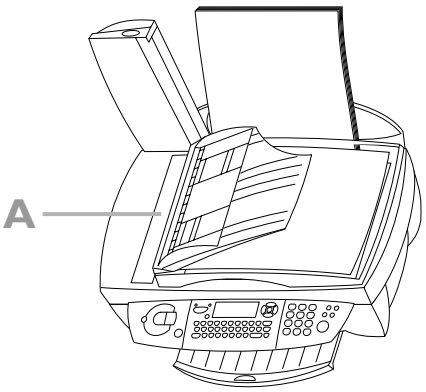
Use a soft, fluff-free cloth lightly moistened with a little alcohol (96%). Do not allow any moisture to enter the machine.

Cleaning the scanner glass

1 Open the scanner without pressing the button.



2 Use a cloth to lightly wipe the scanner glass (**A**).



3 Close the scanner.

Cleaning and aligning the cartridges

If the quality of printed documents deteriorates, the cartridges should be cleaned and aligned.

1 Press **M**, ⑦②①①① and **OK**. The cartridge will be cleaned automatically.

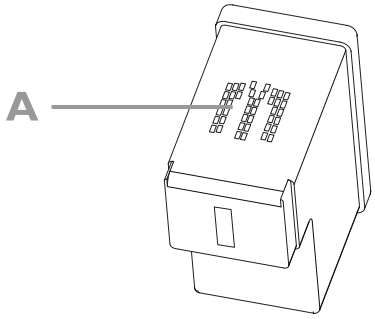
2 Press **M**, ⑦②①②① and **OK**. The machine will print out a page to check the alignment. VALUE A

3 Enter the value for A where the image is the clearest.

4 Confirm with **OK** and repeat these steps for values B, C and D. VALUE B

If the printing quality is still not satisfactory, you need to clean the cartridges manually:

1 Open the machine, release the cartridges from their holder (see Hints & Tips / Change cartridges) and clean the contacts (**A**) with a dry, fluff-free cloth.



⚠ Never touch the nozzles and contacts with your fingers and avoid shaking the cartridge!

2 Clean the golden contacts of the holder before re-inserting the cartridge.

3 Use ▲/▼ to choose BLACK=OLD and press twice **OK**.

4 Use ▲/▼ to choose COLOR=OLD and press twice **OK**.

Appendix

Functions list

Press **M**, ⑤① and **OK** to print a function list. The list will be printed.

Directory

11 ADD NAME 12
Add a name with a number to the directory

12 ADD LIST 12
Join several directory entries to form a list

13 MODIFY 12
Modify directory entries or lists

14 CANCEL 12
Delete directory entries or lists

15 PRINT 12
Print the directory

Setup

21 DATE/TIME 11
Set the current date and time

22 NUMBER/NAME 22
Set your telephone number and your name

23 SEND 21
Set parameters for sending faxes

24 RECEPTION 21
Set parameters for receiving faxes

25 TEL. NETWORK 11
Settings for a private branch exchange system

26 PRINTER 22
Settings for the printer

27 FLAT BED SCAN 21
Settings for flat-bed scanning

28 ADF SCAN 22
Settings for scanning with the automatic feeder

29 TECHNICALS 11, 28
Advanced technical settings

20 GEOGRAPHICAL 11
Set country and language

Fax

31 TRANSMISSION 13
Send a fax

32 POLLING RX 15
Retrieve a fax from a polling provider

33 POLLING TX 15
Provide a fax for polling

34 FAX ANSW. 14
Set fax memory reception

35 MANUAL CALL 23
Start fax transmission manually

SMS

41 SEND SMS 20
Send an SMS message

42 READ SMS 20
Read SMS messages

43 DELETE SMS 20
Delete SMS messages from the memory

44 PRINT SMS 20
Print-out SMS messages

45 PARAMETERS 21
Settings for sending SMS

46 SMS CENTERS 21
Set access numbers for SMS

Print

51 FUNCTIONS LIST 27
Print a list of functions

52 LOGS 24
Print a log of the last transmissions

53 DIRECTORY 12
Print the directory

54 SETUP 21
Print the settings

55 COMMANDS 25
Print a list of the commands in the waiting queue

Commands

61 PERFORM 25
Immediately perform a command in the waiting queue

62 MODIFY 24
Modify a command in the waiting queue

63 CANCEL 25
Delete a command from the waiting queue

64 PRINT 25
Print details of a command in the waiting queue

65 PRINT LIST 25
Print a list of the commands in the waiting queue

Others

71 LOCK 25
Limit the access to the machine

72 PRINT. CARTR. 25
Clean, align and exchange cartridges

73 CART CAPACITY 24
Check the capacity of the ink cartridges

74 PAPER FEED 23
Feed paper through the mechanism

Appendix

Technical settings

Your MFJ Pro 321 is delivered with factory-default settings. However, you may adjust it to meet your requirements by changing the technical parameters.

> ⚠ Only change the technical settings if prompted to do so by authorised service personnel!

Press **M**, ②⑨ and **OK**. Use ▲/▼ to select and modify the desired parameter and press **OK**.

Technical data

General

Dimensions (W×D×H)	460×397×190 mm
Weight	approx. 8 kg
Power supply	220–240 V / 50–60 Hz
Power consumption in stand-by mode	approx. 10 W
Memory	8 MB
Directory capacity	200 entries
Telephone connection type	PSTN/PABX
Chip card	ISO 7816-4

PC connection

Connection type	USB slave 1.1
Operating systems	Windows 98/2000/ME/ XP
Scanner driver	TWAIN/WIA

Scanner

Type	CCD colour
Resolution	600×600 dpi
Scanning area	216×297 mm
Scanning width	206 mm
ADF capacity	10 sheets max.
Flatbed scanning speed	b/w 10.5 seconds/ page, colour 17.5 seconds/page

Printer

Type	colour bubble ink-jet
Resolution	600×600 dpi
Printing speed	b/w up to 9 pages/ minute, colour up to 5 pages/minute
Printing width	203.2 mm
Printing length	b/w 284.3 mm, colour 279.1 mm
Paper dimensions	width: 88.9–215.6 mm length: 127–431.8 mm

Fax

Fax type	ITU T30, G3
Connection type	PSTN/PABX
Dialling type	DTMF
Modulation	V17/V21/V29/V27ter/ V34
Coding scheme	MH, MR, MMR
Modem speed	33k6 bps
Resolution	normal mode: 200×100 dpi fine/photo mode: 200×200 dpi super fine mode: 200×400 dpi

Guarantee

In order to apply the guarantee, you should contact your dealer. Proof of purchase will be required. Should malfunctioning arise, the dealer will advise you what to do.

If you bought your equipment from SAGEM directly, the following shall apply:

A SAGEM undertakes to remedy by repair, free of charge for labour and replacement parts, any defects in the equipment during a period of twelve (12) months from the date of original delivery of the equipment, where those defects are a result of faulty workmanship.

During this twelve month guarantee period, the defective equipment will be repaired free of charge; the customer must however return the defective equipment at his/her own expense, to the address given by SAGEM After Sales Department, the phone number of which can be found on the delivery slip.

Unless the customer has concluded with SAGEM a maintenance contract in respect of the equipment which specifically provides for repairs to be carried out at the customer's premises, the repairs will not be carried out on the equipment at the customer's premises.

The following sentence applies to purchases of equipment for the customer's trade, business or profession. Except as otherwise expressly provided in this document and to the extent permitted by law, SAGEM makes no representations or warranties, express or implied, statutory or otherwise, and to such extent, all terms and conditions implied by law are hereby excluded. This guarantee does not affect the customer's statutory rights.

B Exclusions from guarantee

SAGEM shall have no liability under the guarantee in respect of:

- damage, defects breakdown or malfunction due to:
  - failure to properly follow the installation process and instructions for use; or
  - an external cause to the equipment (including but not limited to, lightening, fire, shock or water damage of any nature); or
  - modifications made without the written approval of SAGEM; or
  - a failure or neglect to maintain the equipment or inappropriate maintenance; or
  - unsuitable operating conditions, particularly of temperature and humidity; or
  - repair or maintenance of the equipment by persons not authorised by SAGEM; or
- wear and tear from normal daily use of the equipment and its accessories
- damage due to insufficient or bad packaging of equipment when returned to SAGEM
- supply of new versions of software
- work on any equipment or software modified or added without the prior written consent of SAGEM
- malfunctions not resulting from the equipment or from software installed in user workstations for the purpose of use of the equipment
- communication problems related to an unsuitable environment, including:
  - problems related to access and/or connection to the Internet such as interruptions by access networks or malfunction of the line used by the subscriber or his correspondent
  - transmission faults (for example poor geographical coverage by radio transmitters, interference or poor line quality)
  - the local network fault (wiring, servers, workstations) or the failure of the transmission network
- the normal servicing (as defined in the user guide supplied with the equipment) as well as malfunctioning due to servicing not being carried out, servicing costs are in any event always borne by the customer.

C In the cases set forth in § B as well as after expiry of the twelve month guarantee period, the customer must ask SAGEM for an estimate, and he/she must accept the estimate and agree to pay the charges mentioned in it before returning the equipment to SAGEM. The repair and delivery costs will be invoiced to the customer.

The foregoing shall apply unless otherwise agreed in writing with the customer and only for the UK. If any provision of this guarantee shall be held to be in whole or in part invalid or illegal due to an obligatory rule applicable to consumers pursuant to their national legislation, such invalidity or illegality shall not impair or affect the remaining provisions or parts of this guarantee.

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Appendix

The CE mark confirms that the machine corresponds to the relevant European Union guidelines.

DECLARATION OF CONFORMITY (DoC)

Hereby, **SAGEM Communication Austria GmbH**, declares that this **SAGEM MFJ 321** is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Should you require a copy of the original DoC, please visit our web site.

This product is intended for use on an analogue public switched network (PSTN) and for use in the country indicated on the label of the box. The machine may not work in other countries.

For further information please contact your national technical support centre. Initially contact your dealer if problems occur during operation.

This operating manual has been printed on chlorine-free recycled paper to meet the highest environmental standards.

The cardboard box and the protective cardboard can be recycled as waste paper; corresponding to your country's demands dispose the plastic foils either for recycling or with your rubbish.

This electronic facility contains recyclable material. At the end of use of this facility please inform yourself about the corresponding recycling demands of your country.

www.sagem.com

E-mail: dti.faxinfoline@sagem.com

United Kingdom:

Tel.: 0870 124 37 37

Fax: 0870 124 02 02

SAGEM Communication Austria GmbH place of business:

Gutheil-Schoder-Gasse 17, A–1232 Wien, Austria

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